Ref#	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
		((gate or door) same (gas and spring)) and (ald or cvd) and deposit\$3 not (((valve same actuator) and (118/715.ccls. or 156/345.33.ccls.)) or (((ald or cvd) and deposit\$3 and ((valve and actuator) same wall)) not ((valve same actuator) and (118/715.ccls. or 156/345.33.ccls.))))	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	ÖR	ON	2003/11/06 14:31
L1	2	"6620250".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/07/24 14:45
L2	9797	118/715.ccls. or 118/728.ccls. or 118/50.ccls. or 156/345.29.ccls. or 156/345.33.ccls. or 156/345.34.ccls. or 156/345.35.ccls. or 156/345.36.ccls. or 156/345.26.ccls. or 156/345.51.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/07/24 14:45
L3	7879	137/262-264.ccls. or 137/454.2 or 137/560.ccls. or 137/561r.ccls. or 137/561a.ccls. or 137/571-576.ccls. or 137/590.ccls. or 137/594-596.ccls. or 137/599.01.ccls. or 137/599.05-599.07.ccls. or 137/602.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/07/24 14:45
T.4	2415	141/285-286.ccls. or 141/37.ccls. or 141/44-47.ccls. or 141/54.ccls. or 141/301-302.ccls. or 141/367.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/07/24 14:45
L5	472	261/127.ccls. or 261/131.ccls. or 261/146-147.ccls. or 261/150.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/07/24 14:45
L6	2608	261/19-22.ccls. or 261/23:1.ccls. or 261/40.ccls. or 261/42.ccls. or 261/62-63. ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/07/24 14:45
L7	7165	261/64.1.ccls. or 261/65.ccls. or 261/75-76.ccls. or 261/94-96.ccls. or 261/100-102.ccls. or 261/105.ccls. or 261/108-109.ccls. or 261/113.ccls. or 261/114.1.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/07/24 14:45
L8	12844	(ald or evd) and deposit\$3 and valve	US-PGPUB; USPAT; EPO; IPO; DERWENT ; IBM_TDB	OR	ON	2005/07/24 14:45
L9	29677	(118/715.ccls. or 118/728.ccls. or 118/50.ccls. or 156/345.29.ccls. or 156/345.33.ccls. or 156/345.34.ccls. or 156/345.35.ccls. or 156/345.36.ccls. or 156/345.26.ccls. or 156/345.51.ccls.) or (137/262-264.ccls. or 137/454.2 or 137/560.ccls. or 137/561r.ccls. or 137/591.ccls. or 137/591.ccls. or 137/599.51.ccls. or 137/599.51.ccls. or 137/599.05.ccls. or 137/599.05.ccls. or 137/599.05.ccls. or 137/599.05.ccls. or 141/37.ccls. or 141/37.ccls. or 141/37.ccls. or 141/367.ccls. or 141/367.ccls. or 261/131.ccls. or 261/146-147.ccls. or 261/150.ccls.) or (261/127.ccls. or 261/23.1.ccls. or 261/40.ccls. or 261/42.ccls. or 261/62-63.ccls.) or (261/64.1. ccls. or 261/65.ccls. or 261/105.ccls. or 261/108-109.ccls. or 261/113.ccls. or 261/101.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/07/24 14:53
L10	2736	(ald or cvd) and deposit\$3 and (valve same wall)	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/07/24 14:45
L11	444	(ald or cvd) and deposit\$3 and ((valve and actuator) same wall)	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/07/24 14:45

L12	73	((gate or door) same (gas and spring)) and (ald or cvd) and deposit\$3 not (((valve same actuator) and (118/715.ccls. or 156/345.33.ccls.)) or (((ald or cvd) and deposit\$3 and ((valve and actuator) same wall)) not ((valve same actuator) and (118/715.ccls. or 156/345.33.ccls.))))	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/07/24 14:45
L13	Ā	((gate or door) with (gas and spring)) and (ald or cvd) not (((valve same actuator) and (118/715.ccls. or 156/345.33.ccls.)) or (((ald or cvd) and deposit\$3 and ((valve and actuator) same wall)) not ((valve same actuator) and (118/715.ccls. or 156/345.33.ccls.))) or (((gate or door) same (gas and spring)) and (ald or cvd) and deposit\$3 not (((valve same actuator) and (118/715.ccls. or 156/345.33.ccls.)) or (((ald or cvd) and deposit\$3 and ((valve and actuator) same wall)) not ((valve same actuator) and (118/715.ccls. or 156/345.33.ccls.))))) or ((actuator same (gas and wall)) and (ald or cvd) and deposit\$3 not (((valve same actuator) and (118/715.ccls. or 156/345.33.ccls.)) or (((ald or cvd) and deposit\$3 and ((valve and actuator) same wall)) not ((valve same actuator) and (118/715.ccls. or 156/345.33.ccls.))) or (((gate or door) same (gas and spring)) and (ald or cvd) and deposit\$3 not (((valve same actuator) and (118/715.ccls. or 156/345.33.ccls.))) or (((ald or cvd) and deposit\$3 and ((valve and actuator) same wall)) not ((valve same actuator) and (118/715.ccls. or 156/345.33.ccls.))) or (((ald or cvd) and deposit\$3 and ((valve and actuator) same wall)) not ((valve same actuator) and (118/715.ccls. or 156/345.33.ccls.))) or ((54) or cvd) and deposit\$3 and ((valve and actuator) same wall)) not ((valve same actuator) and (118/715.ccls. or 156/345.33.ccls.))) or ((54) or cvd) and deposit\$3 and ((valve and actuator) same wall)) not ((valve same actuator) and (118/715.ccls. or 156/345.33.ccls.))) or ((54) or cvd) and deposit\$3 and ((valve and actuator) same wall)) not ((valve same actuator) and (118/715.ccls. or 156/345.33.ccls.))) or ((54) or cvd) and deposit\$3 and ((valve and actuator) same wall)) not ((valve same actuator) and (118/715.ccls. or 156/345.33.ccls.)))	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/07/24:14:45
L14	70589	valve and wall and (deposit\$4 or etch\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/07/24 14:45
L15	7555	valve and wall and (deposit\$4 or etch\$4) and flush	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/07/24 14:45
L16	33025	(valve and wall and (deposit\$4 or etch\$4)) and (wafer or substrate or article)	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR .	ON	2005/07/24 14:45
L17	33025	(valve and wall and (deposit\$4 or etch\$4)) and (wafer or substrate or article)	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/07/24 14:45
L18	25	(wall with "pinch valve") and deposit\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/07/24 14:45
L19	96	(wall with "pinch valve") and (reactor or chamber or vessel or tank) not ((wall with "pinch valve") and deposit\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	ÖR	ON	2005/07/24 14:45
L20	5	"diaphragm valve".ti. and "chemical vapor deposition"	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/07/24 14:45
1.21	1283	((118/715.ccls. or 118/728.ccls. or 118/50.ccls. or 156/345.29.ccls. or 156/345.33.ccls. or 156/345.34.ccls. or 156/345.35.ccls. or 156/345.36.ccls. or 156/345.36.ccls. or 156/345.36.ccls. or 156/345.26.ccls. or 156/345.36.ccls. or 137/560.ccls. or 137/560.ccls. or 137/561a.ccls. or 137/571-576.ccls. or 137/590.ccls. or 137/594-596.ccls. or 137/599.01.ccls. or 137/599.05-599.07. ccls. or 137/602.ccls.) or (141/285-286.ccls. or 141/37.ccls. or 141/34.444.47.ccls. or 141/367.ccls. or 141/367.ccls. or 141/361.202.ccls. or 261/127.ccls. or 261/127.ccls. or 261/131.ccls. or 261/146-147.ccls. or 261/150.ccls.) or (261/19-22.ccls. or 261/331.ccls. or 261/40.ccls. or 261/42.ccls. or 261/62-63.ccls.) or (261/64.1. ccls. or 261/65.ccls. or 261/75-76.ccls. or 261/94-96.ccls. or 261/100-102. ccls. or 261/105.ccls. or 261/108-109.ccls. or 261/113.ccls. or 261/114.1.ccls.)) and (((ald or cvd) and deposit\$3 and (valve same wall)) or (((gate or door) same (gas and spring)) and (ald or cvd) and deposit\$3 not (((valve same actuator) and (118/715.ccls. or 156/345.33.ccls.))))) or ((wall with "pinch valve") and deposit\$3) or ((wall with "pinch valve") and deposit\$3))))	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ОИ	2005/07/24 14:45

L22	540	(valve and wall and (deposit\$4 or etch\$4)) and (((118/715.ccls. or 118/728.	US-PGPUB;	OR	ON	2005/07/24 14:45
		cels. or 118/50.cels. or 156/345.29.cels. or 156/345.33.cels. or 156/345.34. cels. or 156/345.35.cels. or 156/345.36.cels. or 156/345.26.cels. or 156/345.	USPAT; EPO; JPO;			
		51.ccls.) or (137/262-264.ccls. or 137/454.2 or 137/560.ccls. or 137/561r.ccls.	DERWENT			
		or 137/561a.ccls. or 137/571-576.ccls. or 137/590.ccls. or 137/594-596.ccls. or 137/599.01.ccls. or 137/599.05-599.07.ccls. or 137/602.ccls.) or	; IBM_TDB			İ
		(141/285-286.ccls, or 141/37.ccls, or 141/44-47.ccls, or 141/54.ccls, or				
.		141/301-302.ccls. or 141/367.ccls.) or (261/127.ccls. or 261/131.ccls. or				
		261/146-147.ccls. or 261/150.ccls.) or (261/19-22.ccls. or 261/23.1.ccls. or 261/40.ccls. or 261/42.ccls. or 261/62-63.ccls.) or (261/64.1.ccls. or 261/65.				
l		ccls. or 261/75-76.ccls. or 261/94-96.ccls. or 261/100-102.ccls. or 261/105.				
		ccls. or 261/108-109.ccls. or 261/113.ccls. or 261/114.1.ccls.)) and (((ald or			1	
		cvd) and deposit\$3 and (valve same wall)) or (((gate or door) same (gas and spring)) and (ald or cvd) and deposit\$3 not (((valve same actuator) and				
		(118/715.ccls. or 156/345.33.ccls.)) or (((ald or cvd) and deposit\$3 and ((valve				
		and actuator) same wall)) not ((valve same actuator) and (118/715.ccls. or				
		156/345.33.ccls.)))) or ((wall with "pinch valve") and deposit\$3) or ((wall with "pinch valve") and (reactor or chamber or vessel or tank) not ((wall with				
		"pinch valve") and deposit\$3))))				
L23	0	(((gate or door) with (gas and spring)) and (ald or cvd) not (((valve same	US-PGPUB;	OR	ON	2005/07/24 14:45
		actuator) and (118/715.ccls. or 156/345.33.ccls.)) or ((ald or cvd) and	USPAT; EPO: JPO:			
		deposit\$3 and ((valve and actuator) same wall)) not ((valve same actuator) and (118/715.ccls: or 156/345.33.ccls.))) or (((gate or door) same (gas and spring))	DERWENT			
		and (ald or cvd) and deposit\$3 not (((valve same actuator) and (118/715 ccls.	;IBM_TDB			
		or 156/345.33.ccls.)) or (((ald or cvd) and deposit\$3 and ((valve and actuator) same wall)) not ((valve same actuator) and (118/715.ccls. or 156/345.33.ccls.				
))))) or ((actuator same (gas and wall)) and (ald or cvd) and deposit\$3 not				
		(((valve same actuator) and (118/715 ccls. or 156/345.33 ccls.)) or (((ald or				
		cvd) and deposit\$3 and ((valve and actuator) same wall)) not ((valve same actuator) and (118/715.ccls. or 156/345.33.ccls.))) or (((gate or door) same				
		(gas and spring)) and (ald or cvd) and deposit\$3 not (((valve same actuator)				
		and (118/715 ccls or 156/345:33 ccls.)) or (((ald or cvd) and deposit\$3 and				
		((valve and actuator) same wall)) not ((valve same actuator) and (118/715 ccls. or 156/345.33 ccls.))))))))) and ((valve and wall and (deposit\$4 or etch\$4))				
		and (((118/715.ccls. or 118/728.ccls. or 118/50.ccls. or 156/345.29.ccls. or				
		156/345.33.ccls. or 156/345.34.ccls. or 156/345.35.ccls. or 156/345.36.ccls.				
		or 156/345.26.ccls. or 156/345.51.ccls.) or (137/262-264.ccls. or 137/454.2 or 137/560.ccls. or 137/561r.ccls. or 137/561a.ccls. or 137/571-576.ccls. or				
		137/590.ccls. or 137/594-596.ccls. or 137/599.01.ccls. or 137/599.05-599.07.				
		ccls. or 137/602 ccls.) or (141/285-286 ccls. or 141/37 ccls. or 141/44-47 ccls.				
		or 141/54 ccls. or 141/301-302 ccls. or 141/367 ccls.) or (261/127 ccls. or 261/131 ccls. or 261/146-147 ccls. or 261/150 ccls.) or (261/19-22 ccls. or				
		261/23.1 ccls. or 261/40 ccls. or 261/42 ccls. or 261/62-63 ccls.) or (261/64.1.				
		ccls. or 261/65.ccls. or 261/75-76.ccls. or 261/94-96.ccls. or 261/100-102. ccls. or 261/105.ccls. or 261/108-109.ccls. or 261/113.ccls. or 261/114.1.ccls.				
)) and (((ald or cvd) and deposit\$3 and (valve same wall)) or (((gate or door)				
		same (gas and spring)) and (ald or cvd) and deposit\$3 not (((valve same				
		actuator) and (118/715.ccls. or 156/345.33.ccls.)) or (((ald or evd) and				
		deposits 3 and ((valve and actuator) same wall)) not ((valve same actuator) and (118/715 ccls. or 156/345.33 ccls.)))) or ((wall with "pinch valve") and				
		deposit\$3) or ((wall with "pinch valve") and (reactor or chamber or vessel or				
	_	tank) not ((wall with "pinch valve") and deposit\$3)))))				
L24	2	(("4319737") or ("5002928") or ("5002928") or ("5002928")).PN.	USPAT; USOCR	OR	OFF	2005/07/24 14:45
T O C		/#5005250II\		on	OFF	0005/07/04 44 45
L25	1	("5885358").PN.	USPAT; USOCR	OR	OFF	2005/07/24 14:45
L26	181	RTP.ti.	US-PGPUB:	OR	ON	2005/07/24 14:45
120	101	RII.u.	USPAT;	OK	011	2003/07/24 14.43
			EPO; JPO;		'	
			DERWENT ; IBM_TDB			
L27	ζ	(("5002928") or ("5853484") or ("5002928") or ("4319737") or ("5002928")	US-PGPUB:	OR	OFF	2005/07/24 14:45
1561	ŭ	or("5002928") or("5002928")).PN	USPAT;	UK	UPF	2003/07/24:14:43
			ЕРО; ЈРО;			
			DERWENT ; IBM TDB			
L28	2	no 20020120769 \$ 4i4	······	OP	ON	2005/07/24 14:45
L20	2	us-20020129768-\$.did.	US-PGPUB; USPAT;	OR	ON	2005/07/24 14:45
			EPO; JPO;			
ļ		· · · · · · · · · · · · · · · · · · ·	DERWENT			

L29	11	(("6,228,563") or ("6,333,268") or ("4,872.947") or ("5,000,113") or ("5,362, 526") or ("20030045098") or ("20020155632")).PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2005/07/24 14:45
L30	2	("4872947").PN	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2005/07/24:14:45
L31	19	(("5,522,934") or ("5,620,523") or ("5,772,771") or ("6,132,552") or ("6,294, 026") or ("6,453,992") or ("5,792,272") or ("20030033980") or ("20040144310")).PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM TDB	OR	OFF	2005/07/24 14:45
L32	2	("5,002,928").PN	US-PGPUB, USPAT; EPO; JPO; DERWENT ; IBM TDB	OR	OFF	2005/07/24 14:45
L33	2	("5,853,484").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM TDB	OR	OFF	2005/07/24 14:45
L34	9797	118/715.ccls. or 118/728.ccls. or 118/50.ccls. or 156/345.29.ccls. or 156/345. 33.ccls. or 156/345.34.ccls. or 156/345.35.ccls. or 156/345.36.ccls. or 156/345.26.ccls. or 156/345.51.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/07/24:14:45
L35	7879	137/262-264.ccls. or 137/454.2 or 137/560.ccls. or 137/561r.ccls. or 137/561a.ccls. or 137/571-576.ccls. or 137/590.ccls. or 137/594-596.ccls. or 137/599.01.ccls. or 137/599.05-599.07.ccls. or 137/602.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/07/24 14:45
L37	2415	141/285-286:ccls. or 141/37:ccls. or 141/44-47:ccls. or 141/54:ccls. or 141/301-302:ccls. or 141/367:ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM TDB	OR	ON	2005/07/24:14:45
L38	472	261/127.ccls. or 261/131.ccls. or 261/146-147.ccls. or 261/150.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM TDB	OR	ON	2005/07/24 14:45
L39	2608	261/19-22.ccls. or 261/23:1.ccls. or 261/40.ccls. or 261/42.ccls. or 261/62-63 ccls.	US-PGPUB, USPAT; EPO, JPO; DERWENT :IBM TDB	OR	ON	2005/07/24 14:45
L40	7165	261/64.1.ccls. or 261/65.ccls. or 261/75-76.ccls. or 261/94-96.ccls. or 261/100-102.ccls. or 261/105.ccls. or 261/108-109.ccls. or 261/113.ccls. or 261/114.1.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM TDB	OR	ON	2005/07/24 14:45
L41	12844	(ald or cvd) and deposit\$3 and valve	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM TDB	OR	ON	2005/07/24:14:45
L42	29677	(118/715.ccls. or 118/728.ccls. or 118/50.ccls. or 156/345.29.ccls. or 156/345.33.ccls. or 156/345.34.ccls. or 156/345.35.ccls. or 156/345.36.ccls. or 156/345.36.ccls. or 156/345.36.ccls. or 156/345.26.ccls. or 137/560.ccls. or 137/561.ccls. or 137/561.ccls. or 137/571-576.ccls. or 137/590.ccls. or 137/594-596.ccls. or 137/599.01.ccls. or 137/599.05.ccls. or 137/599.05.ccls. or 137/599.05.ccls. or 137/599.05.ccls. or 137/599.05.ccls. or 141/37.ccls. or 141/44-47.ccls. or 141/54.ccls. or 141/301-302.ccls. or 141/367.ccls.) or (261/127.ccls. or 261/131.ccls. or 261/146-147.ccls. or 261/150.ccls.) or (261/19-22.ccls. or 261/23.1.ccls. or 261/40.ccls. or 261/42.ccls. or 261/62-63.ccls.) or (261/64.1. ccls. or 261/65.ccls. or 261/75-76.ccls. or 261/94-96.ccls. or 261/100-102. ccls. or 261/105.ccls. or 261/108-109.ccls. or 261/113.ccls. or 261/114.1.ccls.)	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/07/24 14:45

L43	2736	(ald or cvd) and deposit\$3 and (valve same wall)	US-PGPUB; USPAT; EPO; JPO;	OR	ON	2005/07/24 14:45
			DERWENT ; IBM_TDB			
L44	444	(ald or cvd) and deposit\$3 and ((valve and actuator) same wall)	US-PGPUB, USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/07/24 14:45
L45	73	((gate or door) same (gas and spring)) and (ald or cvd) and deposit\$3 not (((valve same actuator) and (118/715.ccls. or 156/345.33.ccls.)) or (((ald or cvd) and deposit\$3 and ((valve and actuator) same wall)) not ((valve same actuator) and (118/715.ccls. or 156/345.33.ccls.))))	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/07/24 14:45
L46	4	((gate or door) with (gas and spring)) and (ald or cvd) not (((valve same actuator) and (118/715.ccls. or 156/345.33.ccls.)) or (((ald or cvd) and deposit\$3 and ((valve and actuator) same wall)) not ((valve same actuator) and (118/715.ccls. or 156/345.33.ccls.))) or (((gate or door) same (gas and spring)) and (ald or cvd) and deposit\$3 not (((valve same actuator) and (118/715.ccls. or 156/345.33.ccls.)) or (((ald or cvd) and deposit\$3 and ((valve and actuator) same wall)) not ((valve same actuator) and (118/715.ccls. or 156/345.33.ccls.)))) or ((actuator same (gas and wall)) and (ald or cvd) and deposit\$3 not (((valve same actuator) and (118/715.ccls. or 156/345.33.ccls.))) or (((ald or cvd) and deposit\$3 and ((valve and actuator) same wall)) not ((valve same actuator) and (118/715.ccls. or 156/345.33.ccls.))) or (((gate or door) same (gas and spring)) and (ald or cvd) and deposit\$3 not (((valve same actuator) and (118/715.ccls. or 156/345.33.ccls.))) or (((ald or cvd) and deposit\$3 and ((valve and actuator) same wall)) not ((valve same actuator) and (118/715.ccls. or 156/345.33.ccls.))) or (((ald or cvd) and deposit\$3 and ((valve and actuator) same wall)) not ((valve same actuator) and (118/715.ccls. or 156/345.33.ccls.))))))))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/24 14:45
L47	70589	valve and wall and (deposit\$4 or etch\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/07/24 14:45
L48	7555	valve and wall and (deposit\$4 or etch\$4) and flush	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM TDB	OR	ON	2005/07/24 14:45
L50	33025	(valve and wall and (deposit\$4 or etch\$4)) and (wafer or substrate or article)	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM TDB	OR	ON	2005/07/24 14:45
L52	33025	(valve and wall and (deposit\$4 or etch\$4)) and (wafer or substrate or article)	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/07/24 14:45
L53	25	(wall with "pinch valve") and deposit\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM TDB	OR	ON	2005/07/24 14:45
L54	96	(wall with "pinch valve") and (reactor or chamber or vessel or tank) not ((wall with "pinch valve") and deposit\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM TDB	OR	ON	2005/07/24 14:45
L55	5	"diaphragm valve".ti. and "chemical vapor deposition"	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/07/24 14:45

L56	1283	((118/715.ccls. or 118/728.ccls. or 118/50.ccls. or 156/345.29.ccls. or	US-PGPUB;	OR	ON	2005/07/24 14:45
	1203	156/345.33.ccls. or 156/345.34.ccls. or 156/345.35.ccls. or 156/345.36.ccls. or 156/345.26.ccls. or 156/345.36.ccls. or 156/345.26.ccls. or 156/345.36.ccls. or 137/560.ccls. or 137/561.ccls. or 137/561a.ccls. or 137/571-576.ccls. or 137/590.ccls. or 137/594-596.ccls. or 137/599.01.ccls. or 137/599.05-599.07. ccls. or 137/602.ccls.) or (141/285-286.ccls. or 141/37.ccls. or 141/34-47.ccls. or 141/361.ccls. or 261/127.ccls. or 261/127.ccls. or 261/131.ccls. or 261/146-147.ccls. or 261/150.ccls.) or (261/19-22.ccls. or 261/23.1.ccls. or 261/40.ccls. or 261/42.ccls. or 261/26-63.ccls.) or (261/100-102. ccls. or 261/105.ccls. or 261/105.ccls. or 261/100-102. ccls. or 261/105.ccls. or 261/108-109.ccls. or 261/113.ccls. or 261/114.1.ccls.)) and (((ald or cvd) and deposit\$3 and (valve same wall)) or (((gate or door) same (gas and spring)) and (ald or cvd) and deposit\$3 not ((valve same actuator) and (118/715.ccls. or 156/345.33.ccls.)))) or (((wall with "pinch valve") and deposit\$3) or ((wall with "pinch valve") and deposit\$3)))	USPAT; EPO; IPO; DERWENT ; IBM_TDB			2003/07/24 14:43
L57	0	((((gate or door) with (gas and spring)) and (ald or cvd) not (((valve same actuator) and (118/715 ccls. or 156/345.33.ccls.)) or (((ald or cvd) and deposit\$3 and ((valve and actuator) same wall)) not ((valve same actuator) and (118/715 ccls. or 156/345.33.ccls.))) or (((gate or door) same (gas and spring)) and (ald or cvd) and deposit\$3 not (((valve same actuator) and (118/715 ccls. or 156/345.33.ccls.)) or (((ald or cvd) and deposit\$3 and ((valve and actuator) same wall)) not ((valve same actuator) and (118/715 ccls. or 156/345.33.ccls.))))) or ((actuator same (gas and wall)) and (ald or cvd) and deposit\$3 not (((valve same actuator) and (118/715 ccls. or 156/345.33.ccls.)) or (((ald or cvd) and deposit\$3 and ((valve and actuator) same wall)) not ((valve same actuator) and (118/715 ccls. or 156/345.33.ccls.))) or (((gate or door) same (gas and spring)) and (ald or cvd) and deposit\$3 not (((valve same actuator) and (118/715 ccls. or 156/345.33.ccls.)) or (((ald or cvd) and deposit\$3 and ((valve and actuator) same wall)) not ((valve same actuator) and (118/715 ccls. or 156/345.33.ccls.)) or (((ald or cvd) and deposit\$3 and ((valve and actuator) same wall)) not ((valve same actuator) and (118/715 ccls. or 156/345.33.ccls.))) or (((ald or cvd) and deposit\$4 or etch\$4)) and (((118/715 ccls. or 118/728 ccls. or 118/50.ccls. or 156/345.29.ccls. or 156/345.30.ccls.))))))))))))))))))))))))))))))))))	US-PGPUB; USPAT; EPO; IPO; DERWENT ; IBM_TDB	OR	ON	2005/07/24:14:45
L58	2	(("4319737") or ("5002928") or ("5002928") or ("5002928")).PN.	USPAT; USOCR	OR	OFF	2005/07/24 14:45
L59	1	("5885358"),PN.	USPAT; USOCR	OR	OFF	2005/07/24 14:45
L60	6	(("5002928") or ("5853484") or ("5002928") or ("4319737") or ("5002928") or ("5002928") or ("5002928")).PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2005/07/24 14:45
L61	2	us-20020129768-\$.did	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/07/24:14:45
L62	11	(("6,228,563") or ("6,333,268") or ("4,872.947") or ("5,000,113") or ("5,362, 526") or ("20030045098") or ("20020155632")).PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2005/07/24 14:45

L63	2	("4872947").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2005/07/24 14:45
L64	19	(("5,522,934") or ("5,620,523") or ("5,772,771") or ("6,132,552") or ("6,294, 026") or ("6,453,992") or ("5,792,272") or ("20030033980") or ("20040144310")) PN	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2005/07/24 14:45
L65	2	("5,002,928").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2005/07/24 14:45
L66	181	RTP.ti	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/07/24 14:45
L67	540	(valve and wall and (deposit\$4 or etch\$4)) and (((118/715.ccls. or 118/728.ccls. or 118/50.ccls. or 156/345.29.ccls. or 156/345.33.ccls. or 156/345.34.ccls. or 156/345.35.ccls. or 156/345.36.ccls. or 156/345.36.ccls. or 156/345.36.ccls. or 156/345.36.ccls. or 156/345.36.ccls. or 137/561a.ccls. or 137/571-576.ccls. or 137/590.ccls. or 137/594-596.ccls. or 137/599.01.ccls. or 137/599.07.ccls. or 137/602.ccls.) or (141/285-286.ccls. or 141/37.ccls. or 141/44-47.ccls. or 141/54.ccls. or 141/301-302.ccls. or 141/367.ccls.) or (261/127.ccls. or 261/131.ccls. or 261/146-147.ccls. or 261/150.ccls.) or (261/19-22.ccls. or 261/23.1.ccls. or 261/40.ccls. or 261/42.ccls. or 261/62-63.ccls.) or (261/64.1.ccls. or 261/65.ccls. or 261/108-109.ccls. or 261/13.ccls. or 261/100-102.ccls. or 261/105.ccls. or 261/108-109.ccls. or 261/113.ccls. or 261/114.1.ccls.)) and (((ald or cvd) and deposit\$3 and (valve same wall)) or (((gate or door) same (gas and spring)) and (ald or cvd) and deposit\$3 not (((valve same actuator) and (118/715.ccls. or 156/345.33.ccls.)) or (((ald or cvd) and deposit\$3 and ((valve and actuator) same wall)) not ((valve same actuator) and (118/715.ccls. or 156/345.33.ccls.))))) or ((wall with "pinch valve") and deposit\$3) or ((wall with "pinch valve") and deposit\$3))))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TQB	OR	ON	2005/07/24 14:45
L68	4	(("5951771") or ("5221449")).PN	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2005/07/24:14:45
L70	225	NGUYEN-ANH-N.in. or CHIAO-STEVE-H.in. or YUAN-XIAOXIONG.in. or LEI-LAWRENCE-CHUNG-LAI.in. or XI-MING.in. or YANG-MICHAEL-X.in. or SEUTTER-SEAN-M.in. or ITOH-TOSHIO.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/07/24 14:45
L72	108	L70 and valve	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/07/24 14:45

L77	290	("20010000866" "20010002280" "20010009140" "20010009695"	US-PGPUB;	OR	ON	2005/07/24 14:46
"	290	"20010011526" "20010021589" "20010024387" "20010025979"	USPAT;	OR	OIN	2003/07/24 14.40
		"20010028924" "20010029094" "20010029891" "20010031562" "20010034123" "20010041250" "20010042799" "20010050039"	USOCR			
		"20010054730" "20010054769" "20020000598" "20020004293"				
		"20020005556" "20020007790" "20020008297" "20020014647" "20020015790" "20020016084" "20020019121" "20020020869"				
		"20020021544" "200200209992" "20020037630" "20020020869				i*
		"20020043666" "20020047151" "20020048635" "20020048880"				
		"20020052097" "20020055235" "20020061612" "20020064970" "20020068458" "20020073924" "20020074588" "20020076481"				
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		"20020081844" "20020090829" "20020093046" "20020093781" "20020094689" "20020098627" "20020104481" "20020105088"				
		"20020106536" "20020106846" "20020109168" "20020117399"				
		"20020121697" "20020135071" "20020144655" "20020144657"				
		"20020146511" "20020146895" "20020151152" "20020153579" "20020155722" "20020162506" "20020164421" "20020164423"				
		"20020177282" "20020182320" "20020187256" "20020187631"				
		"20020197402" "20030013320" "20030015764" "20030031807" "20030032281" "20030042630" "20030049942" "20030060057"				
		"20030072975" "20030082296" "20030082300" "4058430" "4389973"				
		"4413022" "4486487" "4767494" "4806321" "4813846" "4829022"				
	}	"4834831").PN. OR ("4838983" "4838993" "4840921" "4845049" "4859625" "4859627" "4861417" "4876218" "4917556" "4927670"				
		"4931132" "4951601" "4960720" "4975252" "4993357" "5000113"				
		"5013683" "5028565" "5082798" "5085885" "5091320" "5130269" "5166092" "5173474" "5186718" "5205077" "5225366" "5234561"				
		"5246536" "5250148" "5254207" "5256244" "5259881" "5270247"				
		"5278435" "5281274" "5286296" "5290609" "5290748" "5294286" "5296402" "5290748" "5294286"				
		"5296403" "5300186" "5306666" "5311055" "5316615" "5316793" "5330610" "5336324" "5338389" "5348911" "5374570" "5395791"				
		"5438952" "5439876" "5441703" "5443033" "5443647" "5455072"				
		"5458084" "5469806" "5480818" "5483919" "5484664" "5503875" "5521126" "5526244" "5527733" "5532511" "5540783" "5580380"				
		"5601651" "5609689" "5616181" "5637530" "5641984" "5644128"				
		"5667592" "5674786" "5693139" "5695564" "5705224" "5707880" "5711811" "5730801" "5730802" "5747113" "5749974" "5788447"				·
		"5788799" "5796116" "5801634" "5807792" "5830270" "5835677"				
		"5851849" "5855675" "5855680" "5856219" "5858102" "5866213"	•			
		"5866795" "5879459" "5882165" "5882413" "5904565" "5916365" "5923056" "5923985" "5925574" "5928389" "5942040" "5947710"				
		"5972430" "6001669" "6013553" "6015590" "6015917" "6020243"	٠.			
		"6025627" "6036773" "6042652" "6043177" "6051286" "6062798" "6071808").PN. OR ("6084302" "6086677" "6110556" "6113977"				
		"6117244" "6124158" "6130147" "6139700" "6140237" "6140238"				
		"6143659" "6144060" "6158446" "6174377" "6174809" "6197683"				
		"6200893" "6203613" "6206967" "6207302" "6207487" "6238734" "6248605" "6270572" "6271148" "6284646" "6287965" "6291283"				
		"6291876" "6297539" "6299294" "6305314" "6306216" "6316098"	· .			
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		"6395650" "6399491" "6416577" "6416822" "6420189" "6420279"				
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		"6482740" "6492283" "6511539" "6534395" "6548424").PN. OR				
		("6846516").URPN.			**********	
L78	4047	9 and ((valve near/2 seat) with (chamber or reactor))	US-PGPUB;	OR	ON	2005/07/24 14:54
			USPAT; EPO; JPO;			
			DERWENT			
			; IBM_TDB			
L79	7	9 and ((pinch adj1 valve) with (chamber or reactor))	US-PGPUB; USPAT;	OR	ON	2005/07/24 14:58
			EPO; JPO;			
		**	DERWENT			
	:::::::::::::::::::::::::::::::::::::::		; IBM_TDB			
L80	42	9 and (pinch adj 1 valve) not 79	US-PGPUB; USPAT:	OR	ON	2005/07/24:15:00
			EPO; JPO;			
			DERWENT			
<u>:::::::::::::::::::::::::::::::::::::</u>			, IBM_TDB			

L81	747	9 and (valve with (seat and wall))	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/07/24 15:01
L82	41	81 and (wafer or substrate)	US-PGPUB; USPAT; EPO, JPO; DERWENT ; IBM_TDB	OR	ON	2005/07/24 15:14
L83	2	"20030116087"	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/07/24 15:17
L84	2	"6916398".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/07/24:15:17

L90	386	("20010000866" "20010002280" "20010009140" "20010009695" "20010011526" "20010013312" "20010014371" "20010024387"	US-PGPUB; USPAT;	OR	ON	2005/07/24 15:30
ŀ		"20010011326" "20010013312 "20010014371" "20010024387 "20010025979" "20010028924" "20010029094" "20010031562"	USOCR			
.		"20010023979 20010028924 20010029094 20010031302 "20010034123" "20010041250" "20010042523" "20010042799"	OBOCK			
		"20010054377" "20010054730" "20010054769" "20020000196"				
		"20020000598" "20020004293" "20020007790" "20020019121"				i
		"20020020869" "20020021544" "20020031618" "20020037630"				
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- 1		"20020076508" "20020076837" "20020086106" "20020086111"				
		"20020086507" "20020090829" "20020092471" "20020094689"				,
		"20020098627" "20020104481" "20020105088" "20020106536" "20020106846" "20020108570" "20020109168" "20020117399"				İ
		"20020121241" "20020121342" "20020127336" "20020127745"				
		"20020134307" "20020144655" "20020144657" "20020146511"				l
- 1	0	"20020155722" "20020162506" "20020164421" "20020164423"				
İ		"20020177282" "20020182320" "20020187256" "20020197402"				
		"20030004723" "20030010451" "20030013320" "20030019428"				
		"20030023338" "20030031807" "20030042630" "20030049931"				
		"20030049942" "20030053799" "20030057526" "20030057527"				
		"20030059538" "20030072913" "20030072975" "20030075273"				
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		"20030104126" "20030106490" "20030108674" "20030113187"				
- 1		"20030116087" "20030121469" "20030121608" "20030124262"	•			
1		"20030129826" "20030134508" "20030140854" "20030143747"			1	
		"20030143839" "20030153177" "20030168750" "20030172872"				i
1		"20030173586" "20030186495" "20030190423" "20030190804"]
		"20030194493" "20030198754" "20030205729" "20030213560"				
- 1		"20030213987" "20030216981" "20030221780" "20030224107"				
		"20030224578" "20030224600" "20040009307" "20040011404"	•			
- 1		"20040011504" "20040013577" "20040014320" "20040015300"				
		"20040018304" "20040018723" "20040018747" "20040033698"				
- 1		"20040046197" "3291456" "4058430" "4389973" "4413022" "4486487" "4614639" "4732110" "4761269" "4767494" "4806321"				
		"4813846" "4829022" "4834831" "4838983" "4838993" "4840921"				
- 1		"4845049" "4859625" "4859627" "4861417" "4876218" "4907534"				
		"4917556" "4927670" "4931132" "4951601" "4960720" "4975252"				
- 1		"4987856" "4991542" "4993357" "5000113" "5013683" "5028565"				
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		"5256244" "5259881" "5261959" "5264038" "5270247" "5278435"				
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		"5330610" "5336324" "5338362" "5338363" "5338364" "5338389"				
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		"5443033" "5443647" "5455072" "5458084" "5469806" "5480818"	•			
į	*	"5483919" "5484664" "5496410" "5503875" "5521126" "5527733"]	
		"5532511" "5540783" "5542452" "5573566" "5580380" "5601651"				
		"5609689" "5616181" "5637530" "5641984" "5643366" "5644128"			1	
		"5667592" "5674786" "5693139" "5695564" "5705224" "5707880"			1	
		"5711811" "5730801" "5730802" "5747113" "5749974" "5788447"				İ
l		"5788799" "5796116" "5801634" "5804488" "5807792" "5830270" "5835677" "5838677" "5846230" "5851840" "5855675" "5855690"				
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		"5882413" "5888303" "5904565" "5916365" "5919332" "5923056"			1	
		"5923985" "5925574" "5928389" "5942040" "5947710" "5951771"				
		"5972430" "5996528" "6001267" "6001669" "6015590" "6015917"				
	,	"6025627" "6036773" "6042652" "6043177" "6051286" "6062798"			1	
		"6066358" "6071808" "6084302" "6086677" "6110556" "6113977"				
		"6117244" "6124158" "6130147" "6139700" "6140237" "6140238"				
		"6143077" "6143659" "6144060" "6158446" "6174377" "6174809"			1	
		"6179920" "6183563" "6197683" "6200893" "6203613" "6206967"			1	
		"6207302" "6207487" "6218298" "6231672" "6248605" "6270572"			1	·
		"6271148" "6284646" "6287965").PN. OR ("6291876" "6302965" "6305314" "6306216" "6316098" "6333260" "6334983" "6335280"				
		"6342277" "6348376" "6355561" "6358829" "6368954" "6369430"				
		"6372598" "6379748" "6391785" "6399491" "6416577" "6416822"				
		"6420189" "6423619" "6428859" "6436193" "6447607" "6447933"				
	l	"6451119" "6451695" "6468924" "6475276" "6475910" "6478872"				İ
		"6481945" "6482262" "6482733" "6482740" "6511539" "6534133"				
		"6534395" "6551406" "6551929" "6569501" "6572705" "6575705"			1	
		"6578287" "6579372" "6585823" "6596602" "6599572" "6607976"] ,	
		"6620723" "6630030" "6630201" "6632279" "6660126" "6686271"				
		"6778762").PN. OR ("6916398").URPN.			I	1

L91	1	"6056823".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2005/07/24 15:27
L92	16	("118"/\$.ccls. or "156"/\$.ccls.) and (wafer or substrate) and microvalve and (chamber or reactor or vessel)	US-PGPUB, USPAT, USOCR	OR	ON	2005/07/24 16:06
L93	7	("118"/\$.ccls. or "156"/\$.ccls.) and (wafer or substrate) and (conical adj1 valve) and (chamber or reactor or vessel)	US-PGPUB; USPAT; USOCR	OR	ON	2005/07/24 16:09
L94	0	("118"/\$.ccls. or "156"/\$.ccls.) and (wafer or substrate) and (connical adj1 valve) and (chamber or reactor or vessel)	US-PGPUB; USPAT; USOCR	OR	ON	2005/07/24 16:09
L95	34	("118"/\$.ccls. or "156"/\$.ccls.) and (wafer or substrate) and (conical with valve) and (chamber or reactor or vessel)	US-PGPUB; USPAT; USOCR	OR	ON	2005/07/24 16:09
L96	27	("3730134" "4157931" "4201149" "4519846" "4640846" "4889069" "5009185" "5234499").PN. OR ("5439519").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/07/24 16:19
L97	2	("20030119328").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2005/07/24 16:20
L98	2	("5225366") PN:	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/07/24 16:20
S1	132	RTP.ti.	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2004/05/25 10:55 ·
S2	8628	118/715 cels. or 118/728 cels. or 118/50 cels. or 156/345.29 cels. or 156/345. 33 cels. or 156/345 34 cels. or 156/345.35 cels. or 156/345.36 cels. or 156/345.26 cels. or 156/345.51 cels.	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/07/24 14:27
S3	8034	137/262-264.ccls. or 137/454.2 or 137/560.ccls. or 137/561r.ccls. or 137/561a.ccls. or 137/571-576.ccls. or 137/590.ccls. or 137/594-596.ccls. or 137/599.01.ccls. or 137/599.05-599.07.ccls. or 137/602.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2003/11/07 12:45
S4	2262	141/285-286.cels. or 141/37.cels. or 141/44-47.cels. or 141/54.cels. or 141/301-302.cels. or 141/367.cels.	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM TDB	OR	ON	2003/11/07 12:45
S5	456	261/127.ccls. or 261/131.ccls. or 261/146-147.ccls. or 261/150.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2003/11/07 12:45
S6	2572	261/19-22.ccls: or 261/23:1.ccls. or 261/40.ccls. or 261/42.ccls. or 261/62-63. ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2003/11/07 12:45
S7	7023	261/64.1.ccls. or 261/65.ccls. or 261/75-76.ccls. or 261/94-96.ccls. or 261/100-102.ccls. or 261/105.ccls. or 261/108-109.ccls. or 261/113.ccls. or 261/114.1.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM TDB	OR	ON	2003/11/07 12:45
S8	8968	(ald or cvd) and deposit\$3 and valve	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM: TDB	OR	ON	2003/11/07 12:46

S9	28323	(118/715.ccls. or 118/728.ccls. or 118/50.ccls. or 156/345.29.ccls. or 156/345.33.ccls. or 156/345.34.ccls. or 156/345.35.ccls. or 156/345.36.ccls.	US-PGPUB; USPAT;	OR	ON	2003/11/07 12:46
		or 156/345.26.ccls. or 156/345.51.ccls.) or (137/262-264.ccls. or 137/454.2 or 137/560.ccls. or 137/561r.ccls. or 137/561a.ccls. or 137/571-576.ccls. or 137/590.ccls. or 137/594-596.ccls. or 137/599.01.ccls. or 137/599.05-599.07. ccls. or 137/602.ccls.) or (141/285-286.ccls. or 141/37.ccls. or 141/44-47.ccls. or 141/54.ccls. or 141/301-302.ccls. or 141/367.ccls.) or (261/127.ccls. or 261/131.ccls. or 261/146-147.ccls. or 261/150.ccls.) or (261/19-22.ccls. or 261/23.1.ccls. or 261/40.ccls. or 261/42.ccls. or 261/62-63.ccls.) or (261/64.1. ccls. or 261/65.ccls. or 261/105.ccls. or 261/108-109.ccls. or 261/113.ccls. or 261/101.102. ccls. or 261/105.ccls. or 261/108-109.ccls. or 261/113.ccls. or 261/114.1.ccls.)	EPO; JPO; DERWENT ; IBM_TDB			,
S10	1890	(ald or cvd) and deposit\$3 and (valve same wall)	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2003/11/07 12:46
S11	231	(ald or cvd) and deposit\$3 and ((valve and actuator) same wall) .	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	QR	ON	2003/11/07 12:46
S12	0	((gate or door) with (gas and spring)) and (ald or cvd) not (((valve same actuator) and (118/715.ccls. or 156/345.33.ccls.)) or (((ald or cvd) and deposit\$3 and ((valve and actuator) same wall)) not ((valve same actuator) and (118/715.ccls. or 156/345.33.ccls.))) or (((gate or door) same (gas and spring)) and (ald or cvd) and deposit\$3 not (((valve same actuator) and (118/715.ccls. or 156/345.33.ccls.)) or (((ald or cvd) and deposit\$3 and ((valve and actuator) same wall)) not ((valve same actuator) and (118/715.ccls. or 156/345.33.ccls.)))) or ((actuator same (gas and wall)) and (ald or cvd) and deposit\$3 not (((valve same actuator) and (118/715.ccls. or 156/345.33.ccls.)) or (((ald or cvd) and deposit\$3 and ((valve and actuator) same wall)) not ((valve same actuator) and (118/715.ccls. or 156/345.33.ccls.))) or (((gate or door) same (gas and spring)) and (ald or cvd) and deposit\$3 not (((valve same actuator) and (118/715.ccls. or 156/345.33.ccls.))) or (((gate or door) same (gas and spring)) and (ald or cvd) and deposit\$3 not (((valve same actuator) and (118/715.ccls. or 156/345.33.ccls.))) or ((gate or door) same (gas and spring)) and (ald or cvd) and deposit\$3 and ((valve and actuator) same wall)) not ((valve same actuator) and (118/715.ccls. or 156/345.33.ccls.))) or ((gate or door) same (gas and spring)) and (ald or cvd) and deposit\$3 and ((valve and actuator) same wall)) not ((valve same actuator) and (118/715.ccls. or 156/345.33.ccls.)))	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2003/11/06:14:31
S13	0	or 156/345.33 cels.))))))) valve and wall and (deposit\$4 or etch\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2003/11/06 14:31
S14	0	valve and wall and (deposit\$4 or etch\$4) and flush	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2003/11/06:14:31
S15	0	(valve and wall and (deposit\$4 or etch\$4)) and (wafer or substrate or article)	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2003/11/06 14:31
S16	0	(valve and wall and (deposit\$4 or etch\$4)) and (wafer or substrate or article)	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2003/11/06 14:31
S17	0	(wall with "pinch valve") and deposit\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2003/11/06 14:31
S18	0	(wall with "pinch valve") and (reactor or chamber or vessel or tank) not ((wall with "pinch valve") and deposit\$3)	US-PGPUB; USPAT; EPO; IPO; DERWENT ; IBM_TDB	OR	ON	2003/11/06 14:31
S19	0	"diaphragm valve".ti. and "chemical vapor deposition"	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2003/11/06 14:32

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S20	0	((118/715.ccls. or 118/728.ccls. or 118/50.ccls. or 156/345.29.ccls. or 156/345.33.ccls. or 156/345.345.345.36.ccls. or 156/345.35.ccls. or 156/345.36.ccls. or 156/345.36.ccls. or 156/345.26.ccls. or 156/345.36.ccls. or 137/560.ccls. or 137/561.ccls. or 137/561.ccls. or 137/571-576.ccls. or 137/590.ccls. or 137/594-596.ccls. or 137/599.01.ccls. or 137/599.05-599.07. ccls. or 137/602.ccls.) or (141/285-286.ccls. or 141/37.ccls. or 141/44-47.ccls. or 141/34.ccls. or 141/301-302.ccls. or 141/367.ccls.) or (261/127.ccls. or 261/131.ccls. or 261/146-147.ccls. or 261/150.ccls.) or (261/19-22.ccls. or 261/23.1.ccls. or 261/40.ccls. or 261/42.ccls. or 261/62-63.ccls.) or (261/64.1. ccls. or 261/65.ccls. or 261/75-76.ccls. or 261/13.ccls. or 261/100-102. ccls. or 261/105.ccls. or 261/108-109.ccls. or 261/113.ccls. or 261/114.1.ccls.)) and (((ald or cvd) and deposit\$3 and (valve same wall)) or (((gate or door) same (gas and spring)) and (ald or cvd) and deposit\$3 not (((valve same actuator) and (118/715.ccls. or 156/345.33.ccls.)) or (((ald or cvd) and deposit\$3 and (valve and actuator) same wall)) not ((valve same actuator) and (118/715.ccls. or 156/345.33.ccls.))) or ((wall with "pinch valve") and (reactor or chamber or vessel or tank) not ((wall with "pinch valve") and deposit\$3)))	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2003/11/06 14:32
S21	0	(valve and wall and (deposit\$4 or etch\$4)) and (((118/715.ccls. or 118/728.ccls. or 118/50.ccls. or 156/345.29.ccls. or 156/345.33.ccls. or 156/345.34.ccls. or 156/345.35.ccls. or 156/345.36.ccls. or 156/345.26.ccls. or 156/345.35.ccls. or 156/345.36.ccls. or 156/345.26.ccls. or 156/345.51.ccls.) or (137/262-264.ccls. or 137/454.2 or 137/560.ccls. or 137/561r.ccls. or 137/599.01.ccls. or 137/599.05.ccls. or 137/599.05.ccls. or 137/599.05.ccls. or 137/599.05.ccls. or 137/599.05.ccls. or 137/599.05.ccls. or 141/37.ccls. or 141/44-47.ccls. or 141/54.ccls. or (141/285-286.ccls. or 141/367.ccls.) or (261/127.ccls. or 261/131.ccls. or 261/146-147.ccls. or 261/150.ccls.) or (261/19-22.ccls. or 261/131.ccls. or 261/40.ccls. or 261/150.ccls.) or (261/19-22.ccls. or 261/231.ccls. or 261/40.ccls. or 261/42.ccls. or 261/62-63.ccls.) or (261/64.1.ccls. or 261/65.ccls. or 261/75-76.ccls. or 261/94-96.ccls. or 261/100-102.ccls. or 261/105.ccls. or 261/108-109.ccls. or 261/113.ccls. or 261/114.1.ccls.)) and (((ald or cvd) and deposit\$3 and (valve same wall)) or (((gate or door) same (gas and spring)) and (ald or cvd) and deposit\$3 not (((valve same actuator) and (118/715.ccls. or 156/345.33.ccls.)) or (((ald or cvd) and deposit\$3 and ((valve and actuator) same wall)) not ((valve same actuator) and (118/715.ccls. or 156/345.33.ccls.))))) or (((wall with "pinch valve") and deposit\$3) or ((wall with "pinch valve") and deposit\$3))))	US-PGPUB; USPAT; EPO; IPO; DERWENT ; IBM_TDB	OR	ON	2003/11/06:14:33
S22	0	((((gate or door) with (gas and spring)) and (ald or cvd) not (((valve same actuator) and (118/715.ccls. or 156/345.33.ccls.)) or (((ald or cvd) and deposit\$3 and ((valve and actuator) same wall)) not ((valve same actuator) and (118/715.ccls. or 156/345.33.ccls.)) or (((gate or door) same (gas and spring)) and (ald or cvd) and deposit\$3 not (((valve same actuator) and (118/715.ccls. or 156/345.33.ccls.)) or (((ald or cvd) and deposit\$3 and ((valve and actuator) same wall)) not ((valve same actuator) and (118/715.ccls. or 156/345.33.ccls.)))))) or ((actuator same (gas and wall)) and (ald or cvd) and deposit\$3 not (((valve same actuator) and (118/715.ccls. or 156/345.33.ccls.))) or (((ald or cvd) and deposit\$3 and ((valve and actuator) same wall)) not ((valve same actuator) and (118/715.ccls. or 156/345.33.ccls.))) or (((gate or door) same (gas and spring)) and (ald or cvd) and deposit\$3 not (((valve same actuator) and (118/715.ccls. or 156/345.33.ccls.)) or (((ald or cvd) and deposit\$3 and ((valve and actuator) same wall)) not ((valve same actuator) and (118/715.ccls. or 156/345.33.ccls.)) or (((ald or cvd) and deposit\$3 and ((valve and actuator) same wall)) not ((valve same actuator) and (118/715.ccls. or 156/345.33.ccls.)) or (((ald or cvd) and deposit\$3 and ((valve and actuator) same wall)) not ((valve same actuator) and (118/715.ccls. or 156/345.33.ccls. or 156/345.33.ccls. or 156/345.34.ccls. or 156/345.35.ccls. or 156/345.29.ccls. or 156/345.33.ccls. or 156/345.33.ccls. or 156/345.34.ccls. or 156/345.35.ccls. or 156/345.36.ccls. or 156/345.36.ccls. or 156/345.35.ccls. or 156/345.36.ccls. or 137/590.ccls. or 137/590.ccls. or 137/590.ccls. or 137/590.ccls. or 137/594.596.ccls. or 137/590.ccls. or 137/590.ccls. or 141/367.ccls. or 261/127.ccls. or 261/127.ccls. or 261/127.ccls. or 261/127.ccls. or 261/146.ccls. o	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2003/11/06 14:34
S23 S24	0	(("4319737") or ("5002928") or ("5002928") or ("5002928")).PN. ("5885358").PN.	USPAT; USOCR USPAT; USOCR	OR OR	OFF OFF	2003/11/06 14:51

S25	6	(("5002928") or ("5853484") or ("5002928") or ("4319737") or ("5002928") or ("5002928") or ("5002928")).PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/12/15 14:55
S26	2	us-20020129768-\$:did.	; IBM_TDB US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/12/15 13:25
S27	11	(("6,228,563") or ("6,333,268") or ("4,872.947") or ("5,000,113") or ("5,362, 526") or ("20030045098") or ("20020155632")).PN.	; IBM_TDB US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/12/15 14:56
S28	2	(''4872947'').PN.	; IBM_TDB US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/12/15 14:57
S29	19	(("5,522,934") or ("5,620,523") or ("5,772,771") or ("6,132,552") or ("6,294, 026") or ("6,453,992") or ("5,792,272") or ("20030033980") or ("20040144310")).PN.	; IBM_TDB US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/12/15 14:57
S30	2	("5,002,928").PN.	; IBM_TDB US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/07/19 13:27
S31	2	("5,853,484").PN.	US-PGPUB; US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2005/07/19 13:27
S32	9791	118/715 ccls. or 118/728 ccls. or 118/50 ccls. or 156/345.29 ccls. or 156/345.33 ccls. or 156/345.34 ccls. or 156/345.35 ccls. or 156/345.36 ccls. or 156/345.26 ccls. or 156/345.51 ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM TDB	OR	ON	2005/07/19:13:38
S33	7879	137/262-264.ccls. or 137/454.2 or 137/560.ccls. or 137/561r.ccls. or 137/561a.ccls. or 137/571-576.ccls. or 137/590.ccls. or 137/594-596.ccls. or 137/599.01.ccls. or 137/599.05-599.07.ccls. or 137/602.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM TDB	OR	ON	2005/07/19 13:38
S34	2414	141/285-286.ccls. or 141/37.ccls. or 141/44-47.ccls. or 141/54.ccls. or 141/301-302.ccls. or 141/367.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/07/19 13:38
S35	472	261/127.ccls. or 261/131.ccls. or 261/146-147.ccls. or 261/150.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/07/19 13:38
S36	2608	261/19-22.ccls, or 261/23:1.ccls. or 261/40.ccls. or 261/42.ccls. or 261/62-63. ccls.	; IBM_TDB US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/07/19 13:38
S37	7165	261/64.1.ccls. or 261/65.ccls. or 261/75-76.ccls. or 261/94-96.ccls. or 261/100-102.ccls. or 261/105.ccls. or 261/108-109.ccls. or 261/113.ccls. or 261/114.1.ccls.	; IBM_TDB US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/07/19 13:38 ·
S38	12740	(ald or cvd) and deposi\$3 and valve	; IBM_TDB US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ÖN	2005/07/19 13:38

S39	29670	(118/715.ccls. or 118/728.ccls. or 118/50.ccls. or 156/345.29.ccls. or 156/345.33.ccls. or 156/345.34.ccls. or 156/345.35.ccls. or 156/345.36.ccls.	US-PGPUB; USPAT;	OR	ON	2005/07/19 13:38
		or 156/345.26.ccls. or 156/345.51.ccls.) or (137/262-264.ccls. or 137/454.2 or 137/560.ccls. or 137/561.ccls. or 137/561a.ccls. or 137/571.576.ccls. or 137/590.ccls. or 137/594.596.ccls. or 137/599.01.ccls. or 137/599.05.ccls. or 137/599.05.ccls. or 137/599.05.ccls. or 141/37.ccls. or 141/44-47.ccls. or 141/54.ccls. or 141/301-302.ccls. or 141/367.ccls.) or (261/127.ccls. or	EPO; JPO; DERWENT ; IBM_TDB			
		261/131.ccls. or 261/146-147.ccls. or 261/150.ccls.) or (261/19-22.ccls. or 261/23.1.ccls. or 261/40.ccls. or 261/42.ccls. or 261/62-63.ccls.) or (261/64.1. ccls. or 261/65.ccls. or 261/75-76.ccls. or 261/94-96.ccls. or 261/100-102. ccls. or 261/105.ccls. or 261/108-109.ccls. or 261/113.ccls. or 261/114.1.ccls.)				
S40	2683	(ald:or cvd) and deposit\$3 and (valve same wall)	US-PGPUB, USPAT; EPO, JPO, DERWENT ; IBM TDB	OR	ON	2005/07/19 13:38
S41	393	(ald or cvd) and deposit\$3 and ((valve and actuator) same wall)	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM TDB	OR	ON	2005/07/19 13:38
S42	73	((gate or door) same (gas and spring)) and (ald or evd) and deposit\$3 not (((valve same actuator) and (118/715.ccls. or 156/345.33.ccls.)) or (((ald or evd) and deposit\$3 and ((valve and actuator) same wall)) not ((valve same actuator) and (118/715.ccls. or 156/345.33.ccls.))))	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM TDB	OR	ON	2005/07/19 13:38
S43	4	((gate or door) with (gas and spring)) and (ald or cvd) not (((valve same actuator) and (118/715.ccls. or 156/345.33.ccls.)) or (((ald or cvd) and deposit\$3 and ((valve and actuator) same wall)) not ((valve same actuator) and (118/715.ccls. or 156/345.33.ccls.))) or (((gate or door) same (gas and spring)) and (ald or cvd) and deposit\$3 not (((valve same actuator) and (118/715.ccls. or 156/345.33.ccls.))) or (((ald or cvd) and deposit\$3 and ((valve and actuator) same wall)) not ((valve same actuator) and (118/715.ccls. or 156/345.33.ccls.))))) or ((actuator same (gas and wall)) and (ald or cvd) and deposit\$3 not (((valve same actuator) and (118/715.ccls. or 156/345.33.ccls.))) or (((ald or cvd) and deposit\$3 and ((valve and actuator) same wall)) not ((valve same actuator) and (118/715.ccls. or 156/345.33.ccls.))) or (((gate or door) same (gas and spring)) and (ald or cvd) and deposit\$3 not (((valve same actuator) and (118/715.ccls. or 156/345.33.ccls.))) or (((ald or cvd) and deposit\$3 and ((valve and actuator) same wall))) not ((valve same actuator) and (118/715.ccls. or 156/345.33.ccls.))) or (((ald or cvd) and deposit\$3 and ((valve and actuator) same wall))) not ((valve same actuator) and (118/715.ccls. or 156/345.33.ccls.)))))))))	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/07/19 13:38
S44	70431	valve and wall and (deposit\$4 or etch\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/07/19 13:38
S45	7496	valve and wall and (deposit\$4 or etch\$4) and flush	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/07/19 13:38
S46	32898	(valve and wall and (deposit\$4 or etch\$4)) and (wafer or substrate or article)	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/07/19 13:38
S47	32898	(valve and wall and (deposit\$4 or etch\$4)) and (wafer or substrate or article)	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/07/19 13:38
S48	25	(wall with "pinch valve") and deposit\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/07/19 13:38
S49	96	(wall with "pinch valve") and (reactor or chamber or vessel or tank) not ((wall with "pinch valve") and deposit\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/07/19 13:38

S50	5	"diaphragm valve".ti. and "chemical vapor deposition"	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/07/19 13:38
851	1282	((118/715.ccls. or 118/728.ccls. or 118/50.ccls. or 156/345.29.ccls. or 156/345.33.ccls. or 156/345.34.ccls. or 156/345.35.ccls. or 156/345.36.ccls. or 156/345.36.ccls. or 156/345.36.ccls. or 156/345.26.ccls. or 156/345.36.ccls. or 137/560.ccls. or 137/561.ccls. or 137/561.ccls. or 137/571576.ccls. or 137/590.ccls. or 137/594.596.ccls. or 137/599.01.ccls. or 137/599.05.599.07. ccls. or 137/602.ccls.) or (141/285-286.ccls. or 141/37.ccls. or 141/444-47.ccls. or 141/54.ccls. or 141/301.302.ccls. or 141/367.ccls.) or (261/127.ccls. or 261/131.ccls. or 261/146-147.ccls. or 261/150.ccls.) or (261/19-22.ccls. or 261/131.ccls. or 261/40.ccls. or 261/42.ccls. or 261/62-63.ccls.) or (261/64.1. ccls. or 261/105.ccls. or 261/108.109.ccls. or 261/13.ccls. or 261/104.109.ccls. or 261/13.ccls. or 261/141.1 ccls. or 3ame (gas and spring)) and (ald or cvd) and deposit\$3 and (valve same wall)) or (((gate or door) same (gas and spring)) and (ald or cvd) and deposit\$3 not (((valve same actuator) and (118/715.ccls. or 156/345.33.ccls.)) or (((ald or cvd) and deposit\$3 and (valve and actuator) same wall)) not ((valve same actuator) and (118/715.ccls. or 156/345.33.ccls.))))) or ((wall with "pinch valve") and deposit\$3) or ((wall with "pinch valve") and (reactor or chamber or vessel or tank) not ((wall with "pinch valve") and deposit\$3)))	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/07/19 13:38
S52	540	(valve and wall and (deposit\$4 or etch\$4)) and (((118/715.ccls. or 118/728. ccls. or 118/50.ccls. or 156/345.29.ccls. or 156/345.33.ccls. or 156/345.34. ccls. or 156/345.35.ccls. or 156/345.36.ccls. or 156/345.35.ccls. or 156/345.36.ccls. or 156/345.26.ccls. or 156/345.51.ccls.) or (137/262-264.ccls. or 137/454.2 or 137/560.ccls. or 137/594-596.ccls. or 137/599.01.ccls. or 137/599.01.ccls. or 137/599.05.ccls. or 137/599.05.ccls. or 137/599.01.ccls. or 137/599.01.ccls. or 137/599.01.ccls. or 137/599.05.ccls. or 137/590.ccls. or 137/594.ccls. or (141/285-286.ccls. or 141/37.ccls. or 141/44-47.ccls. or 141/54.ccls. or 141/361.302.ccls. or 261/127.ccls. or 261/127.ccls. or 261/131.ccls. or 261/146-147.ccls. or 261/150.ccls.) or (261/19-22.ccls. or 261/13.1.ccls. or 261/40.ccls. or 261/42.ccls. or 261/62-63.ccls.) or (261/64.1.ccls. or 261/65. ccls. or 261/75-76.ccls. or 261/94-96.ccls. or 261/100-102.ccls. or 261/105. ccls. or 261/108-109.ccls. or 261/113.ccls. or 261/114.1.ccls.)) and (((ald or cvd) and deposit\$3 and (valve same wall)) or (((gate or door) same (gas and spring)) and (ald or cvd) and deposit\$3 not (((valve same actuator) and (118/715.ccls. or 156/345.33.ccls.)) or (((ald or cvd) and deposit\$3 and ((valve and actuator) same wall)) not ((valve same actuator) and (118/715.ccls. or 156/345.33.ccls.))))) or ((wall with "pinch valve") and deposit\$3))))	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/07/19 13:59
S53	0	(((gate or door) with (gas and spring)) and (ald or cvd) not (((valve same actuator) and (118/715.ccls or 156/345.33.ccls.)) or (((ald or cvd) and deposit\$3 and ((valve and actuator) same wall)) not ((valve same actuator) and (118/715.ccls. or 156/345.33.ccls.))) or (((gate or door) same (gas and spring)) and (ald or cvd) and deposit\$3 not (((valve same actuator) and (118/715.ccls. or 156/345.33.ccls.)) or (((ald or cvd) and deposit\$3 and ((valve and actuator) same wall)) not ((valve same actuator) and (118/715.ccls. or 156/345.33.ccls.))))) or (((actuator same (gas and wall)) and (ald or cvd) and deposit\$3 not (((valve same actuator) and (118/715.ccls. or 156/345.33.ccls.))) or (((ald or cvd) and deposit\$3 and ((valve and actuator) same wall)) not ((valve same actuator) and (118/715.ccls. or 156/345.33.ccls.))) or (((gate or door) same (gas and spring)) and (ald or cvd) and deposit\$3 not (((valve same actuator) and (118/715.ccls. or 156/345.33.ccls.))) or (((ald or cvd) and deposit\$3 and ((valve and actuator) same wall)) not ((valve same actuator) and (118/715.ccls. or 156/345.33.ccls.))) or (((ald or cvd) and deposit\$3 and ((valve and actuator) same wall)) not ((valve same actuator) and (118/715.ccls. or 156/345.33.ccls.))))))))))))))))))))))))))))))))))	US-POPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON .	2005/07/19:13:38

S54	2	(("4319737") or ("5002928") or ("5002928") or ("5002928")).PN.	USPAT; USOCR	OR	OFF	2005/07/19 13:38
S55	1	("5885358").PN.	USPAT; USOCR	OR	OFF	2005/07/19 13:38
S56	180	RTP.ti.	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/07/19 13:38
S57	6	(("5002928") or ("5853484") or ("5002928") or ("4319737") or ("5002928") or ("5002928") or ("5002928")).PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR.	OFF	2005/07/19 13:38
S58	2	us-20020129768-\$.did.	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/07/19 13:38
S59	11	(("6,228,563") or ("6,333,268") or ("4,872.947") or ("5,000,113") or ("5,362, 526") or ("20030045098") or ("20020155632")).PN	US-PGPUB, USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2005/07/19 13:38
S60	2	("4872947").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2005/07/19 13:38
S61	19	(("5,522,934") or ("5,620,523") or ("5,772,771") or ("6,132,552") or ("6,294, 026") or ("6,453,992") or ("5,792,272") or ("20030033980") or ("20040144310")).PN:	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2005/07/19 13:38
S62	2	("5,002,928").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2005/07/19 13:38
S63	4	· (("5951771")·or ("5221449")).PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2005/07/19 14:00
S64	225	NGUYEN-ANH-N.in. or CHIAO-STEVE-H.in. or YUAN-XIAOXIONG.in. or LEI-LAWRENCE-CHUNG-LAI.in. or XI-MING.in. or YANG-MICHAEL-X.in. or SEUTTER-SEAN-M.in. or ITOH-TOSHIO.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/07/19 14:02
S65	108	S64 and valve	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/07/19:14:03

			T			
S66	290	("20010000866" "20010002280" "20010009140" "20010009695"	US-PGPUB;	OR	ON	2005/07/19 14:47
		"20010011526" "20010021589" "20010024387" "20010025979"	USPAT;			
		"20010028924" "20010029094" "20010029891" "20010031562"	USOCR			
	i	"20010034123" "20010041250" "20010042799" "20010050039"				
		"20010054730" "20010054769" "20020000598" "20020004293"				
1 1		"20020005556" "20020007790" "20020008297" "20020014647"				
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1		"20020021544" "20020029092" "20020037630" "20020041931"			1	
l i		"20020043666" "20020047151" "20020048635" "20020048880"			İ	
		"20020052097" "20020055235" "20020061612" "20020064970"				
1		"20020068458" "20020073924" "20020074588" "20020076481"				l .
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l i		"5278435" "5281274" "5286296" "5290609" "5290748" "5294286" "5206402" "5200186" "5206666" "5211055" "5216615" "5216702"				
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1 1		"5521126" "5526244" "5527733" "5532511" "5540783" "5580380"			İ	
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1 1		"5866795" "5879459" "5882165" "5882413" "5904565" "5916365"			1	
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		"6368954" "6369430" "6372598" "6379748" "6391785" "6391803"	l		1	
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		"6458701" "6468924" "6475276" "6475910" "6482262" "6482733"				
		"6482740" "6492283" "6511539" "6534395" "6548424").PN. OR			1	
		("6846516").URPN.				
		li		·		I